Docket No. R.306744 Preliminary Amdt.

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

Claims 1-7. (Canceled)

8. (New) A valve for controlling a connection in a high-pressure fluid system, in particular

in a fuel injection apparatus for an internal combustion engine, the valve having a valve

member guided for sliding movement in the direction of its longitudinal axis and protruding

into a valve pressure chamber in which high pressure prevails at least some of the time, a

sealing surface on the valve member in the valve pressure chamber at an end extending

transversely in relation to its longitudinal axis, the sealing surface of the valve member

cooperating with a valve seat in the valve pressure chamber and extending transversely in

relation to its longitudinal axis in order, at least to a large extent, to close an opening

encompassed by the valve seat in relation to the valve pressure chamber which opening is

adjoined by a connection leading to a low-pressure region, a pin on the valve member, the pin

protruding into the connection and, when the sealing surface of the valve member is lifted

away from the valve seat, this pin conveys fluid flowing out of the valve pressure chamber in

such a way that the outgoing fluid exerts at least approximately no resulting force or only a

slight resulting force on the valve member in the direction of the longitudinal axis.

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9. (New) The valve according to claim 8, wherein the pin initially deflects fluid flowing out

of the valve pressure chamber in such a way that the fluid flows along the valve member into

the connection at least approximately in the direction of the longitudinal axis of the valve

member.

10. (New) The valve according to claim 9, wherein the pin then deflects the outgoing fluid

so that it flows away from the longitudinal axis of the valve member at an angle γ in relation

to this longitudinal axis.

11. (New) The valve according to claim 8, wherein the pin has a circumferential annular

groove for flow deflection, which groove extends in the direction of the longitudinal axis of

the valve member, at least approximately to the level of the sealing surface of the valve

member.

12. (New) The valve according to claim 9, wherein the pin has a circumferential annular

groove for flow deflection, which groove extends in the direction of the longitudinal axis of

the valve member, at least approximately to the level of the sealing surface of the valve

member.

13. (New) The valve according to claim 10, wherein the pin has a circumferential annular

groove for flow deflection, which groove extends in the direction of the longitudinal axis of

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the valve member, at least approximately to the level of the sealing surface of the valve

member.

14. (New) The valve according to claim 8, wherein the valve seat and/or the sealing surface

on the valve member is embodied so that the distance between the sealing surface and the

valve seat, starting from the outer edge of the valve member, first decreases as it extends

radially inward toward the longitudinal axis of the valve member and then increases again as

it continues to extend radially inward.

15. (New) The valve according to claim 9, wherein the valve seat and/or the sealing surface

on the valve member is embodied so that the distance between the sealing surface and the

valve seat, starting from the outer edge of the valve member, first decreases as it extends

radially inward toward the longitudinal axis of the valve member and then increases again as

it continues to extend radially inward.

16. (New) The valve according to claim 10, wherein the valve seat and/or the sealing surface

on the valve member is embodied so that the distance between the sealing surface and the

valve seat, starting from the outer edge of the valve member, first decreases as it extends

radially inward toward the longitudinal axis of the valve member and then increases again as

it continues to extend radially inward.

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17. (New) The valve according to claim 11, wherein the valve seat and/or the sealing surface

on the valve member is embodied so that the distance between the sealing surface and the

valve seat, starting from the outer edge of the valve member, first decreases as it extends

radially inward toward the longitudinal axis of the valve member and then increases again as

it continues to extend radially inward.

18. (New) The valve according to claim 14, wherein the sealing surface of the valve member

is embodied as at least approximately planar.

19. (New) The valve according to claim 15, wherein the sealing surface of the valve member

is embodied as at least approximately planar.

20. (New) The valve according to claim 16, wherein the sealing surface of the valve member

is embodied as at least approximately planar.

21. (New) The valve according to claim 17, wherein the sealing surface of the valve member

is embodied as at least approximately planar.

22. (New) The valve according to claim 14, wherein the valve seat is embodied as at least

approximately planar.

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23. (New) The valve according to claim 15, wherein the valve seat is embodied as at least approximately planar.

24. (New) The valve according to claim 16, wherein the valve seat is embodied as at least approximately planar.

25. (New) The valve according to claim 17, wherein the valve seat is embodied as at least approximately planar.